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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/760,267	01/21/2004	Kia Silverbrook	RRA22US	1027
24011 7590 06/23/2008 SILVERBROOK RESEARCH PTY LTD 393 DARLING STREET BALMAIN, 2041 AUSTRALIA				
			EXAMINER UHLENHAKE, JASON S	
			ART UNIT 2853	PAPER NUMBER
			MAIL DATE 06/23/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/760,267

Applicant(s)

SILVERBROOK, KIA

Examiner

JASON S. UHLENHAKE

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 March 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SF/ICE)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cook (U.S. Pat. 6,158,850) in view of Drake et al (U.S. Pat. 5,192,959)

Cook discloses:

- ***regarding claim 1***, an inkjet printer cradle (10) including: a body complementary to a removable inkjet cartridge (12), an authentication device storing (Column 6, Line 66 – Column 7, Line 13) printing performance information of the print head and authentication information (Abstract; Column 3, Lines 1-11);
- a cradle authentication device storing printing performance information of the cradle and authentication information (Column 6, Lines 25-38; Column 6, Line 66 – Column 7, Line 13);
- an integrated circuit assembly connected to the cradle (10) authentication device and arranged to couple with cartridge (12) the authentication device at receipt of the removable inkjet cartridge by the body (Column 2, Lines 58-67; Column 6, Lines 25-38), the cradle (10) authentication device being configured to authenticate the inkjet cartridge from the stored printing performance and authentication information of the cartridge authentication device and the integrated circuit assembly being configured to authenticate the authentication performed by the cradle authentication device such that

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upon said authentication the cradle and cartridge together form an inkjet printer capable of printing at the determined printing performance (Figure 1; Abstract; Column 3, Lines 1-11; Column 6, Lines 25-38)

- **regarding claim 2**, wherein the authentication device comprises a quality assurance chip (Column 3, Lines 1-11; Column 6, Lines 25-38; determines if the ink supplies are compatible together)

- **regarding claim 3**, wherein the body (body of the cradle 10) defines a recess to receive the removable inkjet cartridge (12) (Figure 1)

- **regarding claim 4**, integrated circuit assembly includes a connector mounted upon the body at a location to connect with the quality assurance chip upon insertion of the removable inkjet cartridge into the recess (Column 2, Lines 58-67; Column 6, Lines 6-10; Lines 25-38)

- **regarding claim 5**, wherein the integrated circuit assembly comprises a portion of a control circuit of the inkjet printer cradle, said control circuit arranged to indicate a failure to verify the authentication device (Column 3, Lines 1-11). If the ink supplies are determined to be incompatible printing is stopped and the user is alerted.

Cook does not disclose expressly the following:

- **regarding claim 1**, the removable inkjet cartridge having a page width print head and an ink supply

Drake discloses:

- **regarding claim 1**, the removable inkjet cartridge having a page width print head (14,16) and an ink supply (Abstract; Column 6, Lines 20-33), for the purpose of providing accurate positioning of page width print heads

At the time the invention was made it would have been obvious to a person of ordinary skill in the art to incorporate the teaching of Drake into the device of Cook, for the purpose of providing accurate positioning of page width print heads and determining the cartridge type of the printer

Response to Arguments

Applicant's arguments with respect to claims 1-5 have been considered but are moot in view of the new ground(s) of rejection. Cook discloses a cradle (10) including a removable inkjet cartridge (12) which communicates through connected circuit assemblies in order to determine the compatibility of the inkjet cartridge. Please see the above rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason Uhlenhake whose telephone number is (571) 272-5916. The examiner can normally be reached on Monday - Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JASON S UHLENHAKE/
Examiner, Art Unit 2853
June 13, 2008

/Julian D. Huffman/
Primary Examiner, Art Unit 2853